

iFleet**ELD**

by

Transportation Information Systems

Electronic Log Book (ELD)

User Manual

In 2001 the Federal Motor Carrier Safety Administration (FMCSA) issued a preliminary document addressing the issue of increasing commercial vehicle traffic accidents. The objective was to address safety issues associated with driver fatigue. The intent was to establish criteria for collection of driving records by electronic means.

Subsequent to the initial document release, a number of revisions were incorporated reflecting the latest available technology that would allow termination of the manual "Paper Logs".

In 2015 Transportation Information Systems (TIS) began developing an EDL product based on the proven abilities of the TIS Mobile Data Terminal Version 3 (MDT-3). The MDT-3 uses an Android tablet as the basis of a mobile Fleet Management System. The original system incorporates a number of functions such as GPS Location Tracking, Two-Way Digital Communications, Dispatching and Job Status Management. Using this base product, TIS added the functionalities required for the ELD functions. For system reliability, the ELD database is retained local and cloud server.

The iFleetELD system is available in a Single User and an Enterprise version.

User Login:

When product gets purchase from Transportation information systems we will provide a login which gets validated by a Website where the entire storage take place. The equipment provided will be a Tablet, with a harness and device that will transmit via Bluetooth to tablet information from the engine combine with the GPS and user interface of the task been done such Driving, On duty, Sleeper berth, Off Duty.

Driver Log In

Employee medtow

Password

LOG ON

medtow Merton nestle meetings bestow

q w e r t y u i o p

a s d f g h j k l Next

z x c v b n m @

?123 , - EN .

Manifest

Manifest, other information and preset Shift and Cycle of their particular long haul.

This screen on the iFleetELD is where user enter information about their trip

Mobile Data Terminal v1.1.1

DT - 3 210

Logout MAP E-LOGS MESSAGE INSPECTION

RESPOND ARRIVE

CONFIRM

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Date	Driver Name	ELD ID
8/11/2017	Kasman, Ed Driver	6398643

Vehicle	Vehicle Type	Trailer Id
210	FLATBED	A

Carrier	Manifest #	Trailer Id 2
united	53345	-

VIN	OBD Status
235678367842 86	Connected

Hour of service Status

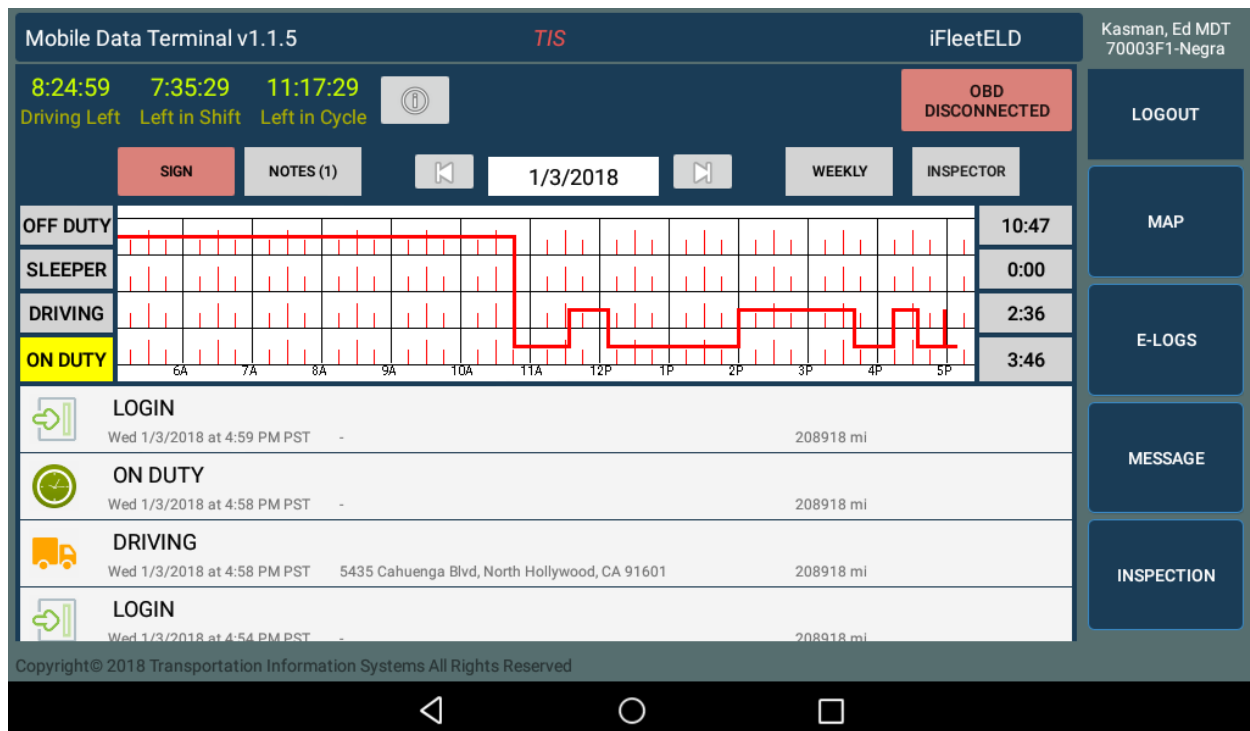
On Duty: Driver will provide the status by clicking on the “On Duty” button. This state is used where the driver is working, waiting for a load or doing other duties. See “Automated Monitoring” information later in this manual.

Off Duty: State on which the driver is off work. When this status is on, the ELD is design not to collect any more information and user may be required to sign their driving log. This will be retained on the web cloud servers for future reference. See “Automated Monitoring” information later in this manual.

Sleeping Berth: This is most use for driver that will have to rest or sleep on their truck while in the road

Driving: State on which the truck is moving. See “Automated Monitoring” information later in this manual.

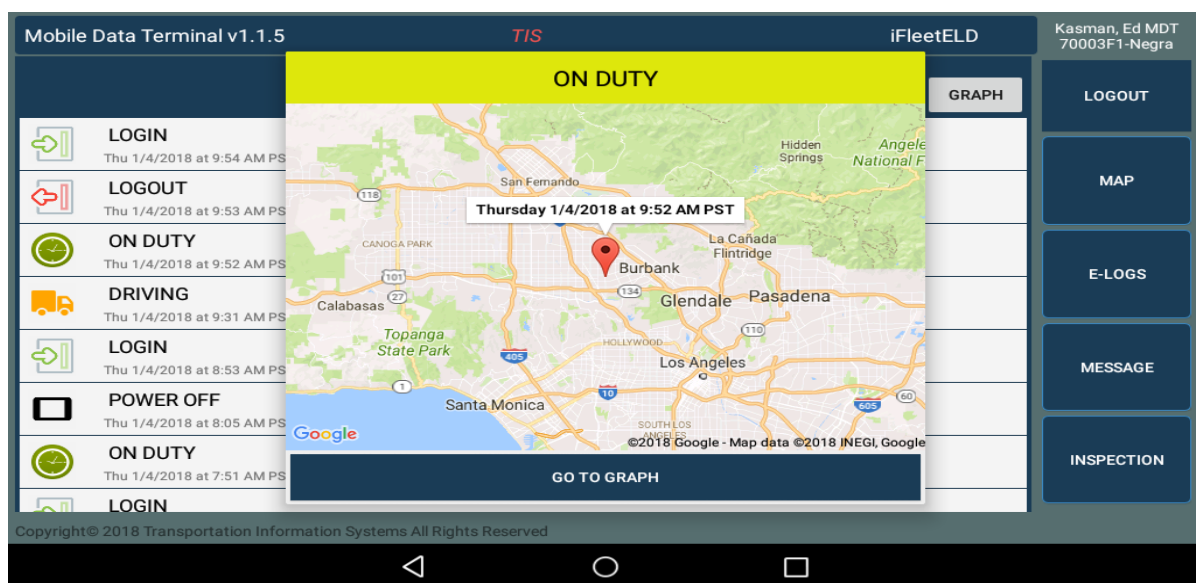
Automated Monitoring: The iFleetGPS system provides real-time monitoring of the vehicle movements. Some of the automated monitoring functions of the system can detect if the vehicle is moving. If the driver has not manually changed the status to “On Duty”, the system will display a message advising the driver that he has not updated his Status and provides for an automatic update.



Log History:

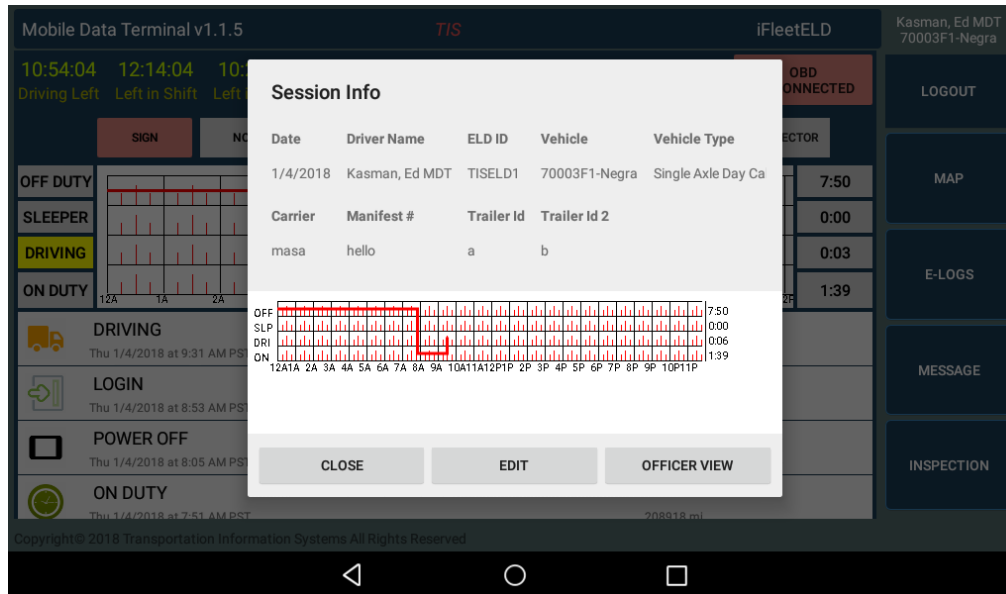
The driver can request a display of the Log History at any time by touching WEEKLY. The Log History records activity on the ELOG system including Status changes, Engine, Log In/Out, Malfunction Codes, Notes and any other events. The display is provided with the ability to scroll chronologically through date period.

Selecting any item listed will cause a window to open and display the geographic location of the incident on a Google map.

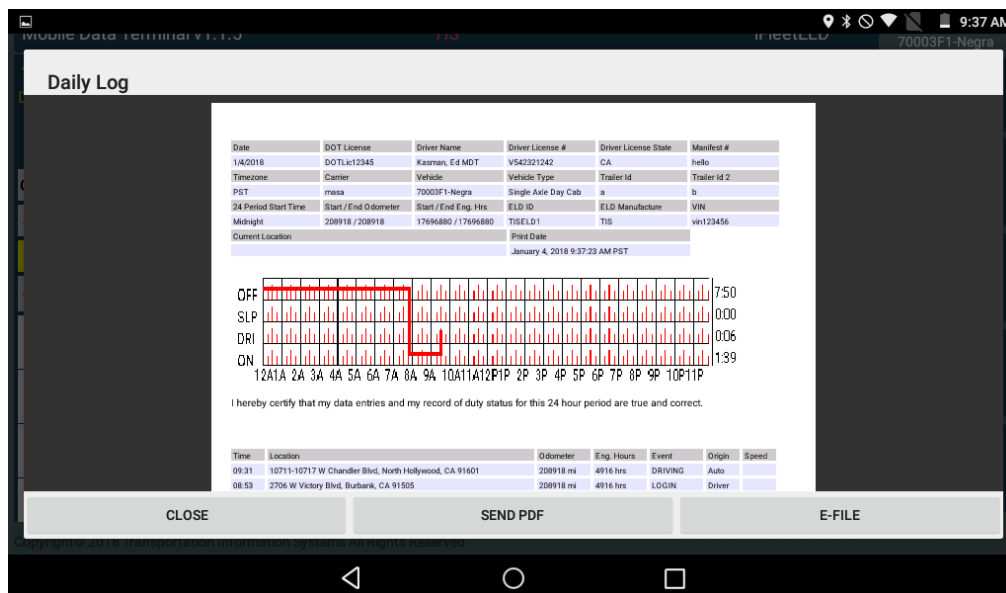


Officer Inspection or Driver self email driving record

The driver may request a display of the E-Log by clicking on the **"Inspector"** button. The iFleetELD will retrieve all the details for the specified period from the iFleetELD local storage or cloud Server and display the Log on the MDT-3 tablet.



The Log is available for viewing by inspectors. Upon request, the driver/Officer can click on the **Officer View** button. Once the full view is display, officer/driver can double tap to expand for better view. Upon request options available for submission of the Log display via email or 'Telematic' E-File. The Send PDF will email an image of view or if wish to send E-File' Options Web-Services or email FMCSA Format



Vehicle Inspection (Optional Product)

Although not a current requirement for FMCSA ELD requirement, iFleetELD incorporates a Safety Inspection Check List procedure. This procedure can be done daily, weekly or as required.

The Driver is provided with a two column check list for all items recommended by the vehicle manufacturer of company requirements. The Driver goes down the list and checks off if the specific item is in Good status or Defective (requires further attention). As an option, the driver may provide a photo of any Defective item by using the camera feature of the MDT-3 tablet. The photo will be incorporated into the inspection report.

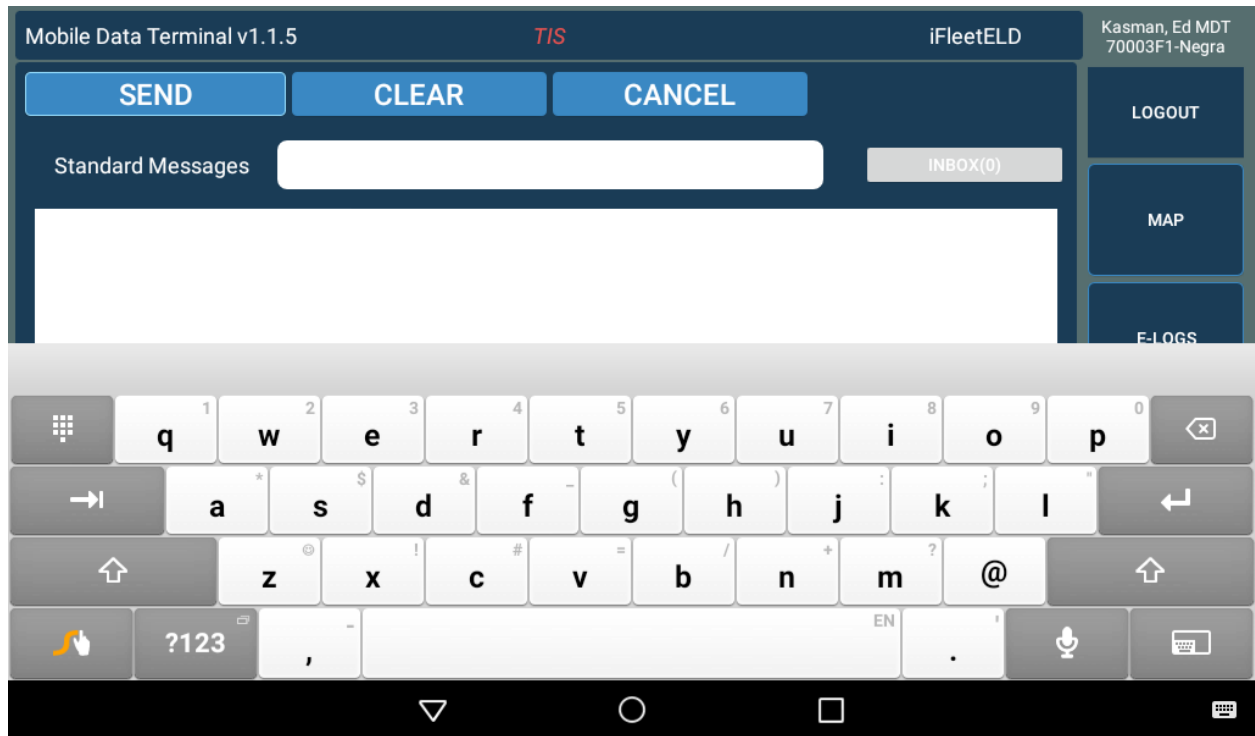
At completion of the inspection, the driver may add a comment and submit the report by clicking on the SEND button. The Inspection Report is retained in the iFleetELD cloud data base. With the optional product VMS (Vehicle Maintenance System) organizations can view and submit for repairs and keep a log of all inspections, Vehicle repair history. If you do not have this product, please contact sales.

GOOD	DEFECT	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SERVICE BRAKES
<input checked="" type="checkbox"/>	<input type="checkbox"/>	TIRES
<input checked="" type="checkbox"/>	<input type="checkbox"/>	HEADLIGHTS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	TAIL LIGHTS
<input type="checkbox"/>	<input checked="" type="checkbox"/>	WINDSHIELD WIPERS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	MIRRORS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	ENGINE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	TRANSMISSION
<input checked="" type="checkbox"/>	<input type="checkbox"/>	CLUTCH
<input checked="" type="checkbox"/>	<input type="checkbox"/>	STEERING
<input checked="" type="checkbox"/>	<input type="checkbox"/>	HORN

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Messaging

As part of the MDT-3 system an application is provided that provides for 2-way digital communications between Driver and his Home office (Dispatch).



Enterprise Version

Customers operating with a fleet of vehicles have access to a web application that can perform a number of administrative functions:

1. Assign and authorize Drivers
2. Monitor each Driver's Log detail
3. Review Driver Notes
4. View the Drivers Log
5. Verify Events

As an additional option, the supervisor can monitor the driver's location on the iFleetGPS Real-time Vehicle Tracking system.

The screenshot shows the 'HOS Supervisor' web application interface. At the top, there is a 'Logout' button. Below the header, a 'Create New Driver' modal is displayed. The modal contains the following fields and elements:

- Enter Driver Username and Password**
- * Username**: A text input field with the placeholder 'Driver username'.
- * Password**: A text input field with the placeholder 'Driver password'.
- * Required**: A label indicating that the password is required.
- Go**: A green button to submit the form.
- [List of Drivers](#): A link below the form.

